

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
 Data File : BE098247.D
 Acq On : 19 Nov 2018 11:09
 Operator : SJ/JU
 Sample : PB114879BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114879BL

Quant Time: Nov 19 11:42:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1167	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4525	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	2726	0.40	ng	0.01
19) Phenanthrene-d10	17.28	188	7784	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8992	0.40	ng	0.00
34) Perylene-d12	24.02	264	8624	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1123	0.36	ng	0.00
5) Phenol-d6	7.04	99	1520	0.31	ng	0.00
8) Nitrobenzene-d5	9.03	82	1583	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2638	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	271	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	3826	0.32	ng	0.01
25) Fluoranthene-d10	19.31	212	38813	0.41	ng	0.00
29) Terphenyl-d14	19.91	244	6993	0.34	ng	0.00

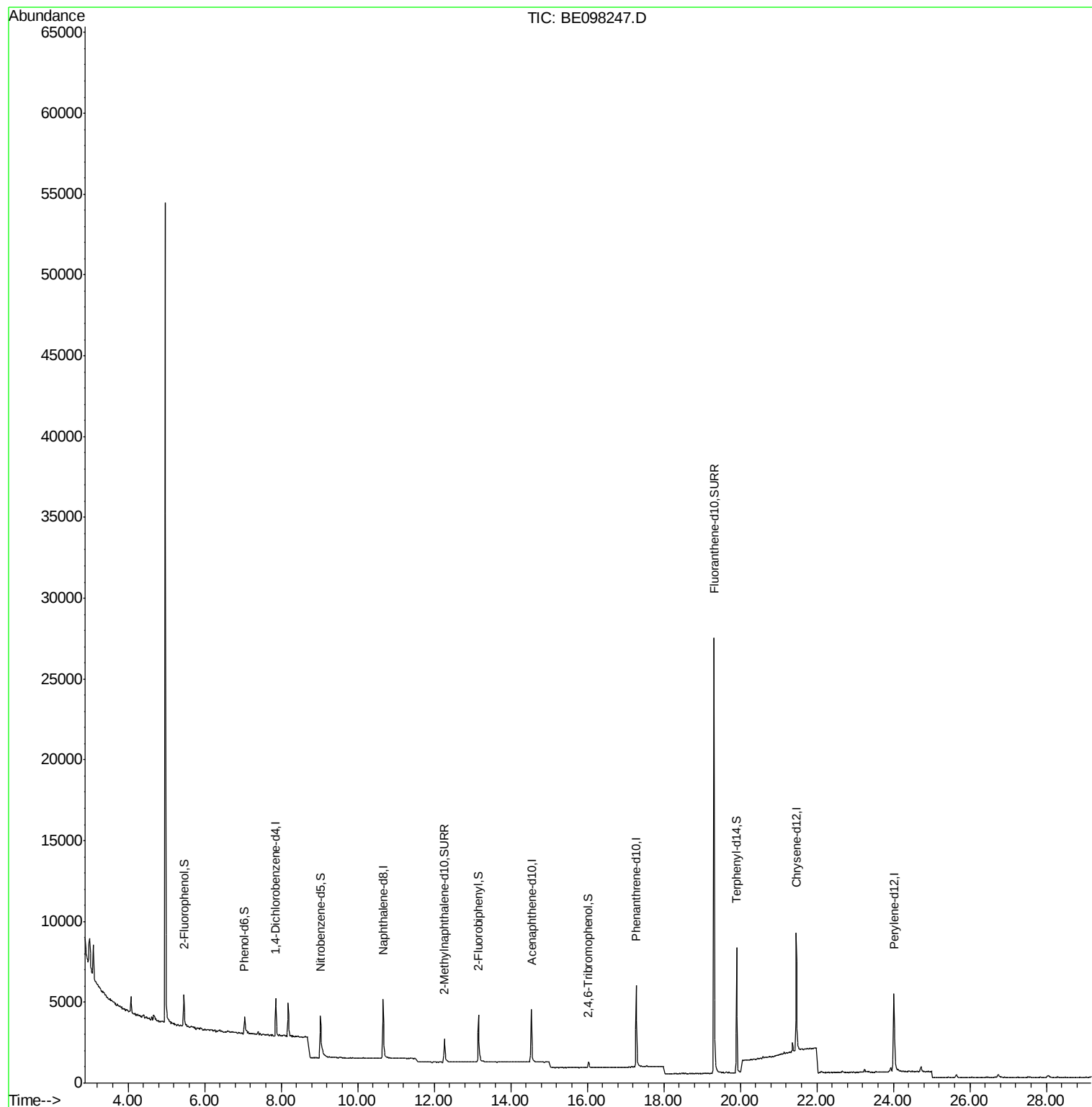
Target Compounds	Qvalue
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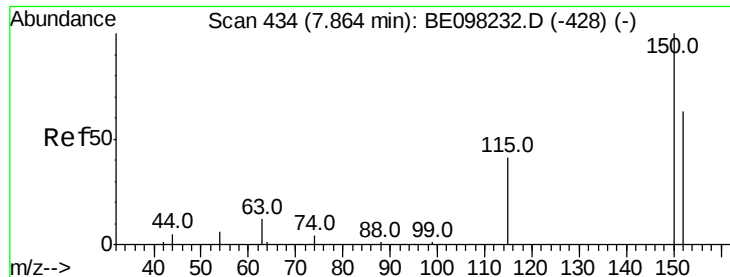
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098247.D

Acq: 19 Nov 2018 11:09

Instrument :

BNA_E

ClientSampleId :

PB114879BL

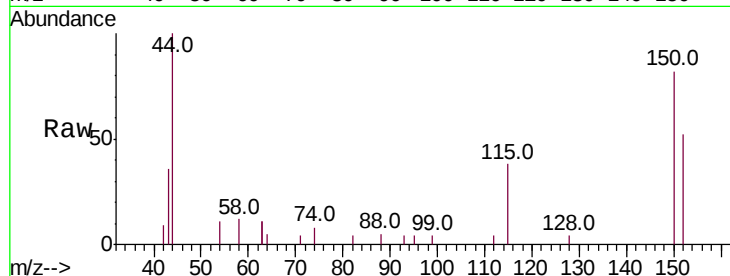
Tot Ion:152 Resp: 1167

Ion Ratio Lower Upper

152 100

150 157.4 127.5 191.3

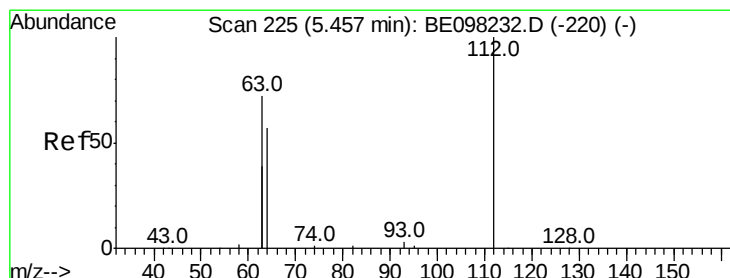
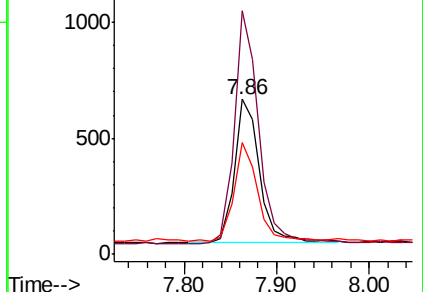
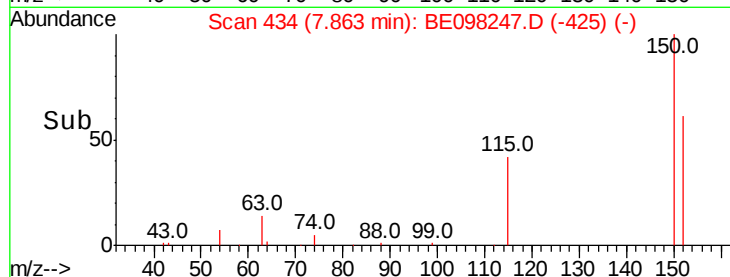
115 72.1 60.3 90.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.359 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098247.D

Acq: 19 Nov 2018 11:09

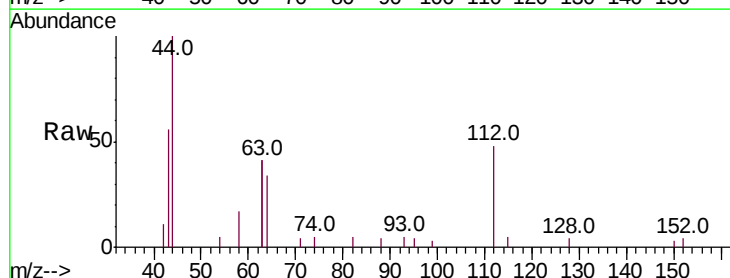
Tgt Ion:112 Resp: 1123

Ion Ratio Lower Upper

112 100

64 78.0 61.7 92.5

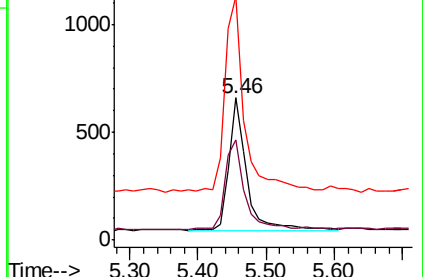
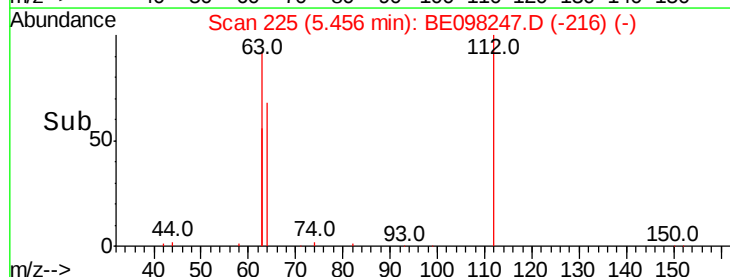
63 159.8 136.2 204.2

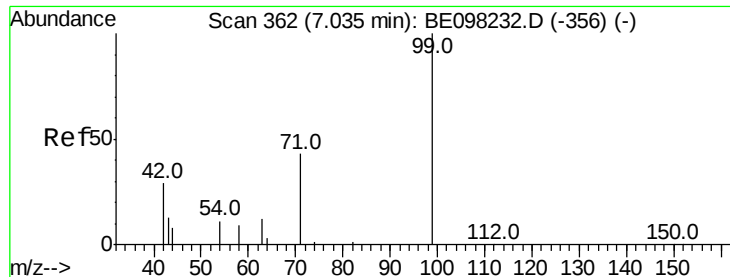


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.309 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098247.D

Acq: 19 Nov 2018 11:09

Instrument :

BNA_E

ClientSampleId :

PB114879BL

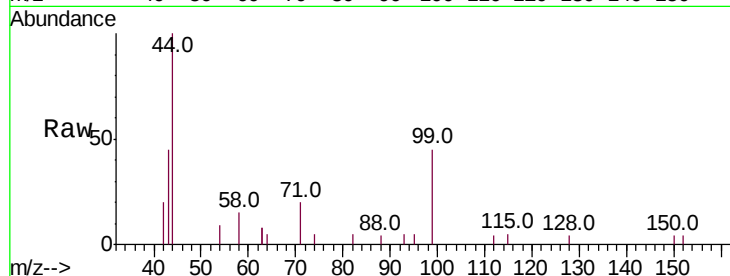
Tot Ion: 99 Resp: 1520

Ion Ratio Lower Upper

99 100

42 28.7 27.1 40.7

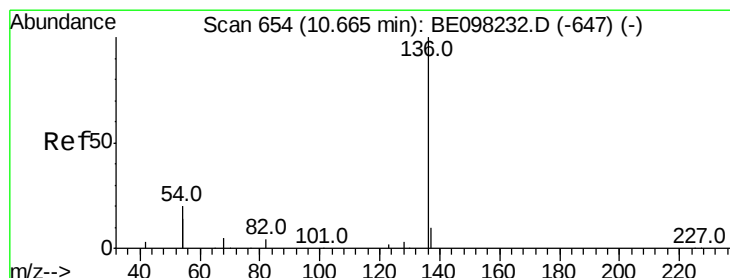
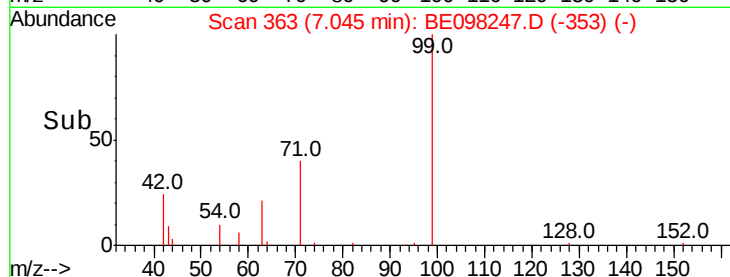
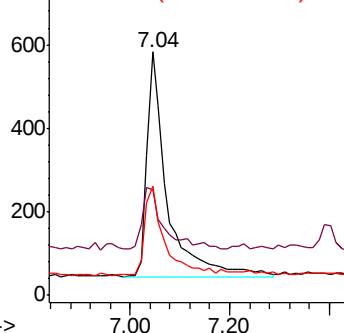
71 39.7 37.0 55.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098247.D

Acq: 19 Nov 2018 11:09

Tgt Ion: 136 Resp: 4525

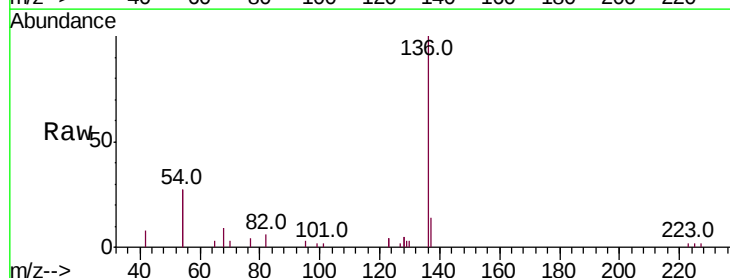
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 54.2 31.3 46.9#

68 8.9 4.8 7.2#

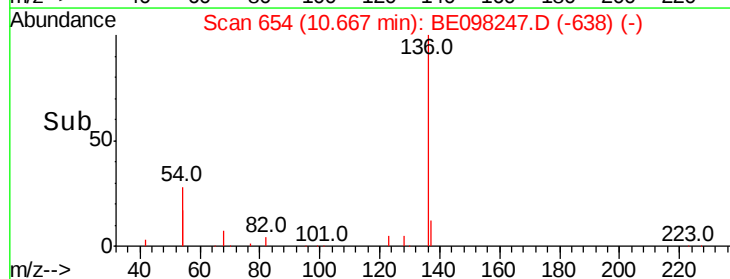
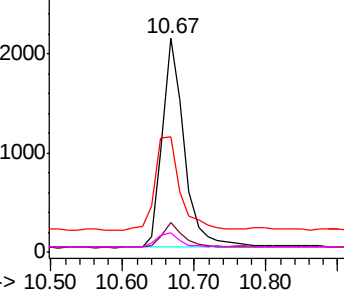


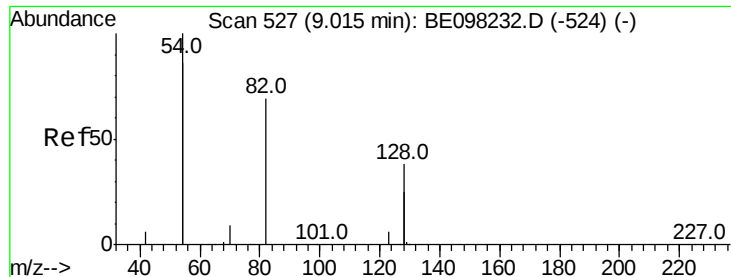
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.371 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098247.D

Acq: 19 Nov 2018 11:09

Instrument :

BNA_E

ClientSampleId :

PB114879BL

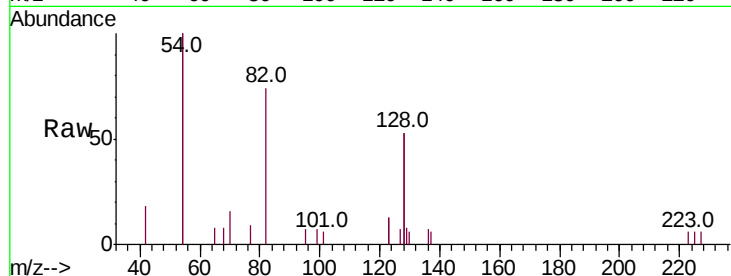
Tot Ion: 82 Resp: 1583

Ion Ratio Lower Upper

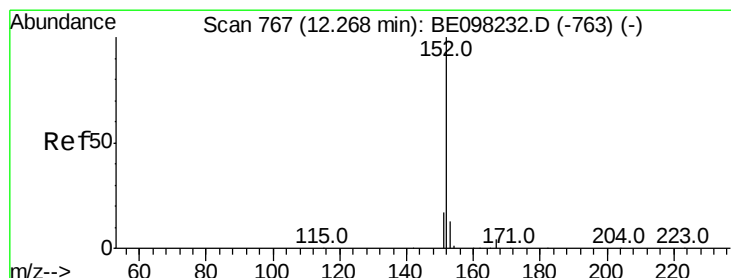
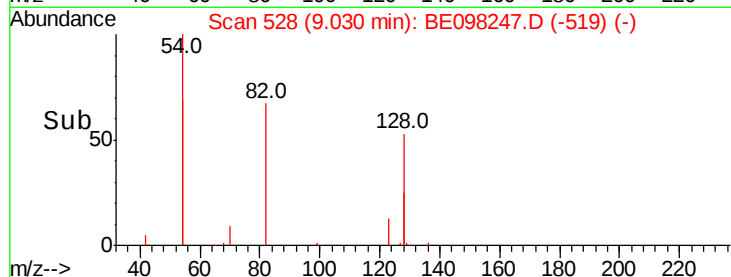
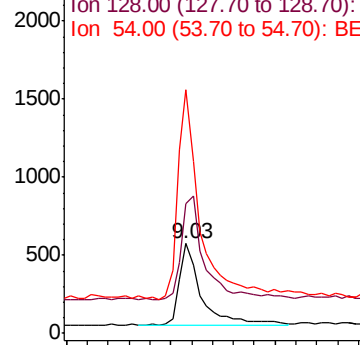
82 100

128 144.4 96.1 144.1#

54 270.8 232.0 348.0



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098247.D

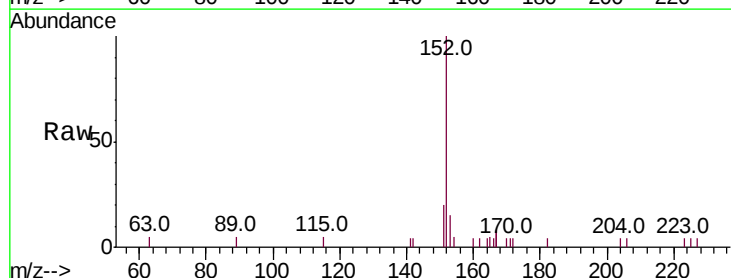
Acq: 19 Nov 2018 11:09

Tgt Ion: 152 Resp: 2638

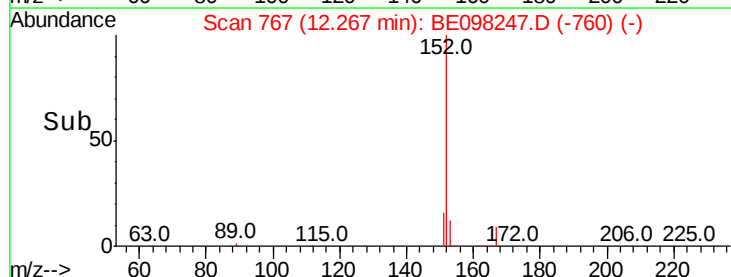
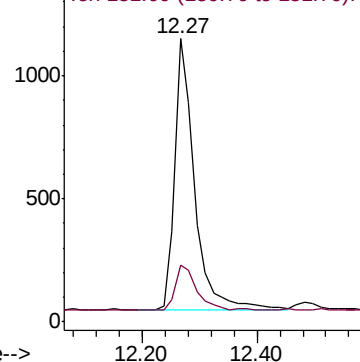
Ion Ratio Lower Upper

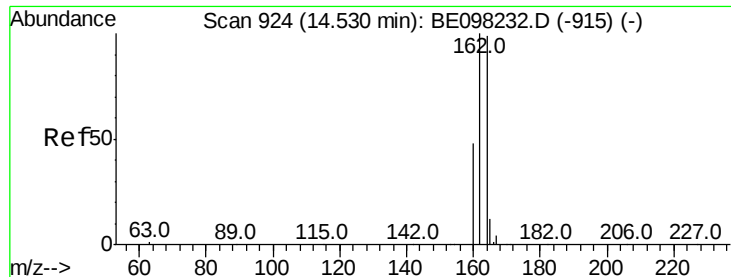
152 100

151 18.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

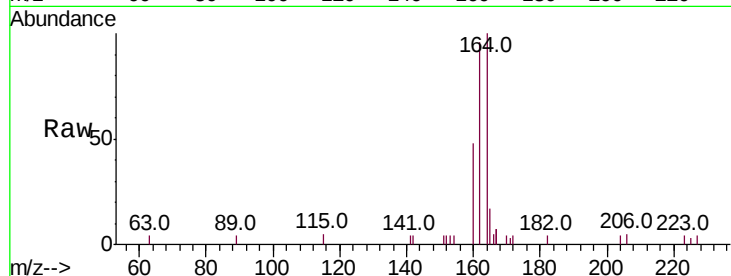




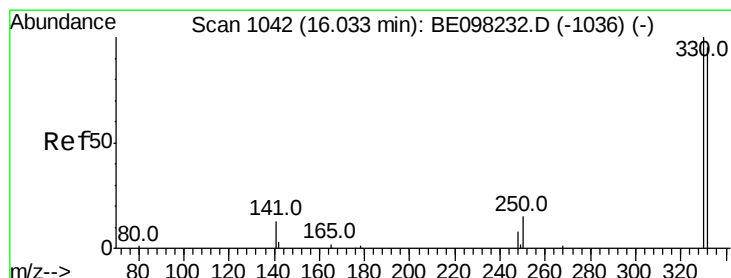
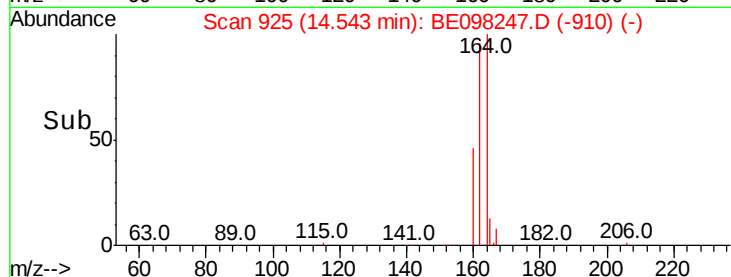
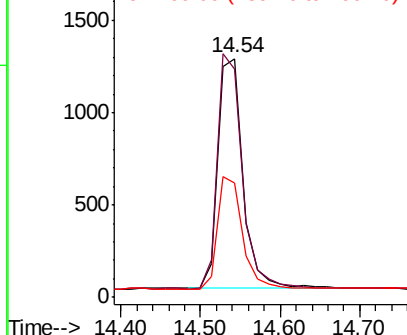
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BE098247.D
 Acq: 19 Nov 2018 11:09

Instrument :
 BNA_E
 ClientSampleId :
 PB114879BL

Tot Ion:164 Resp: 2726
 Ion Ratio Lower Upper
 164 100
 162 95.8 81.8 122.6
 160 48.1 39.4 59.0

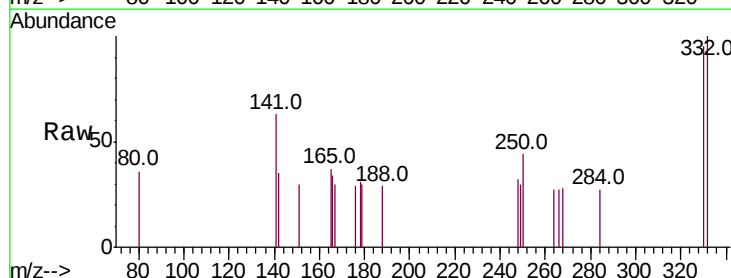


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

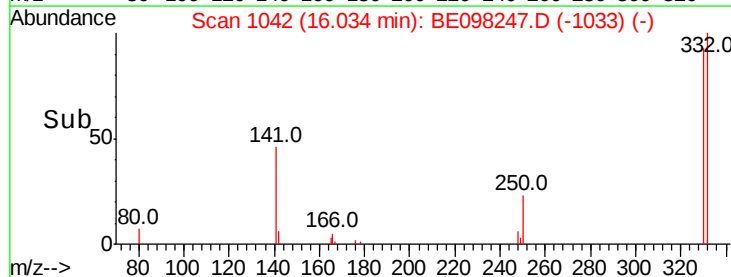
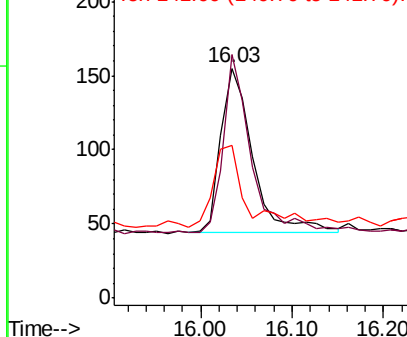


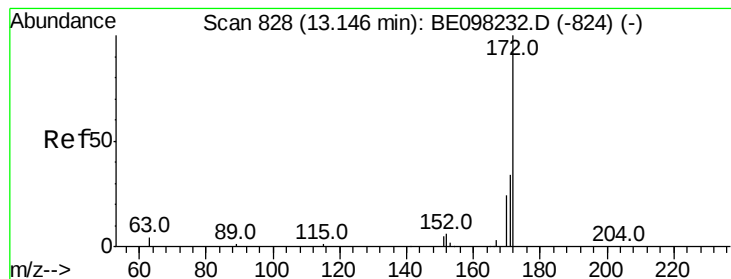
#14
 2,4,6-Tribromophenol
 Concen: 0.309 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE098247.D
 Acq: 19 Nov 2018 11:09

Tgt Ion:330 Resp: 271
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.7 116.5
 141 54.2 33.6 50.4#



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.323 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098247.D

Acq: 19 Nov 2018 11:09

Instrument :

BNA_E

ClientSampleId :

PB114879BL

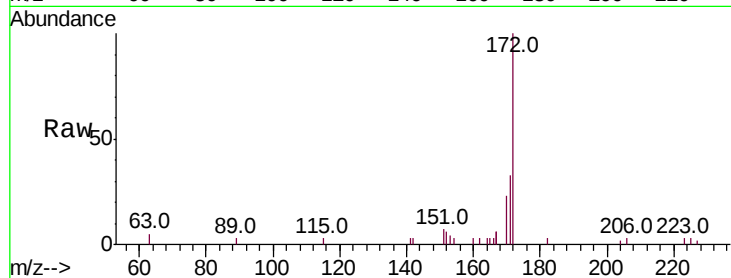
Tot Ion:172 Resp: 3826

Ion Ratio Lower Upper

172 100

171 33.2 27.3 40.9

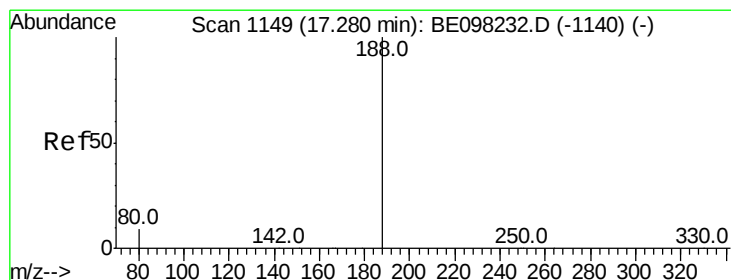
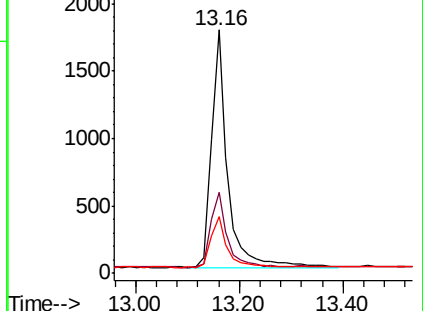
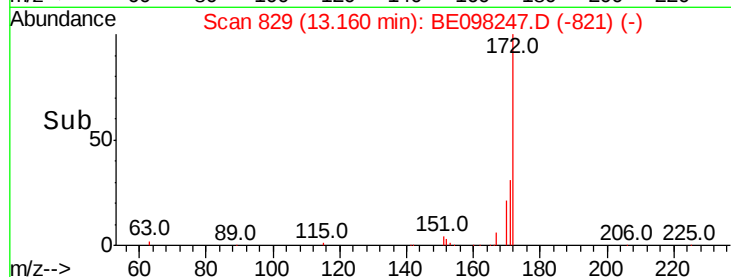
170 23.1 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098247.D

Acq: 19 Nov 2018 11:09

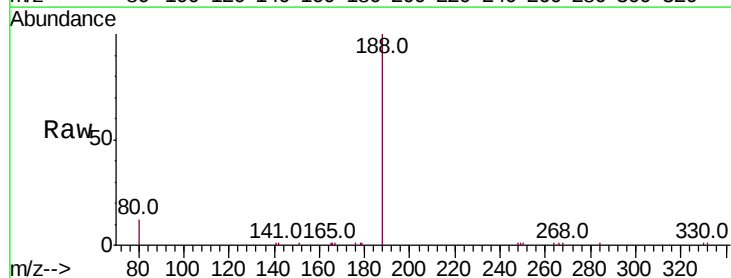
Tgt Ion:188 Resp: 7784

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

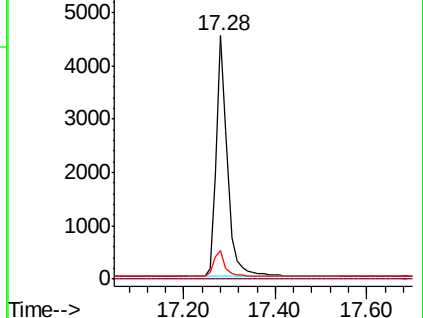
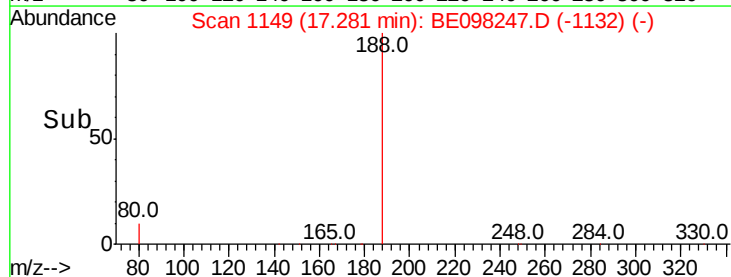
80 11.6 6.7 10.1#

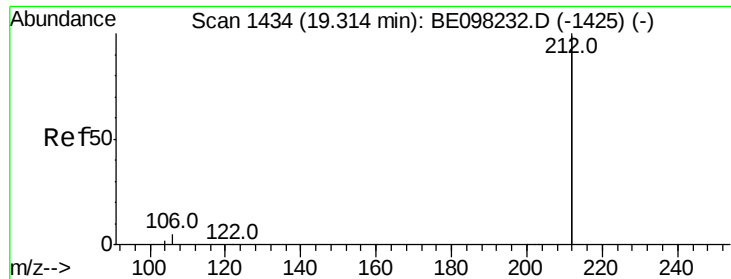


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098247.D

Acq: 19 Nov 2018 11:09

Instrument :

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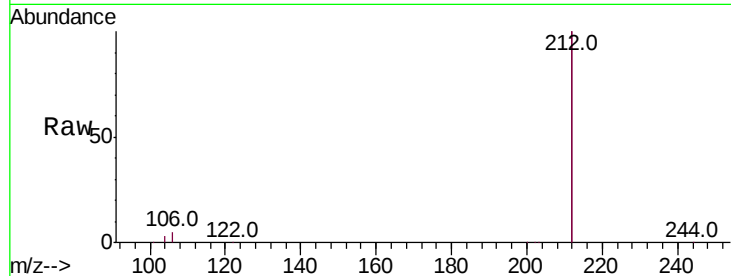
Tot Ion:212 Resp: 38813

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

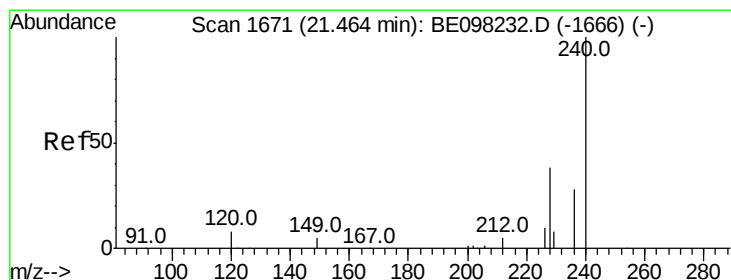
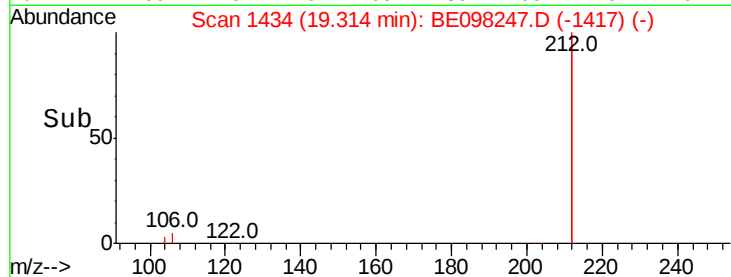
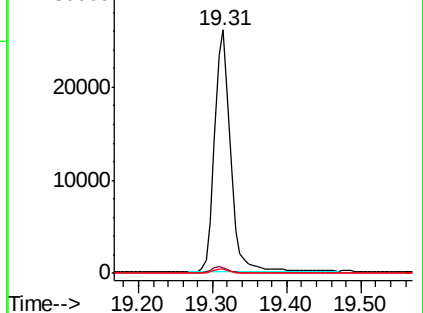
104 1.5 1.1 1.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098247.D

Acq: 19 Nov 2018 11:09

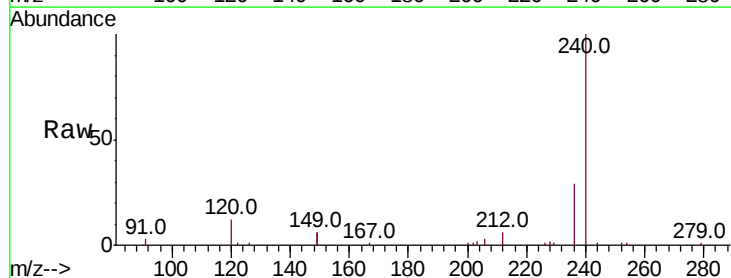
Tgt Ion:240 Resp: 8992

Ion Ratio Lower Upper

240 100

120 11.6 4.8 7.2#

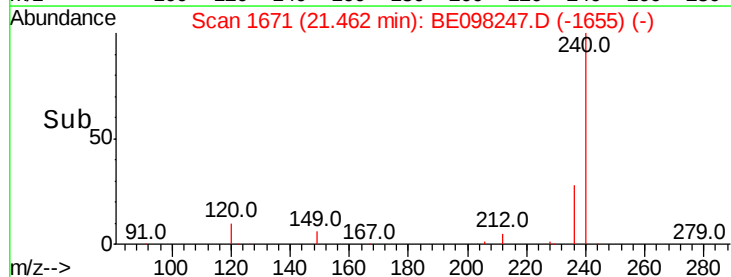
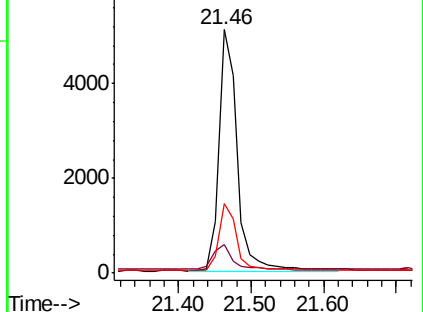
236 28.8 21.4 32.0

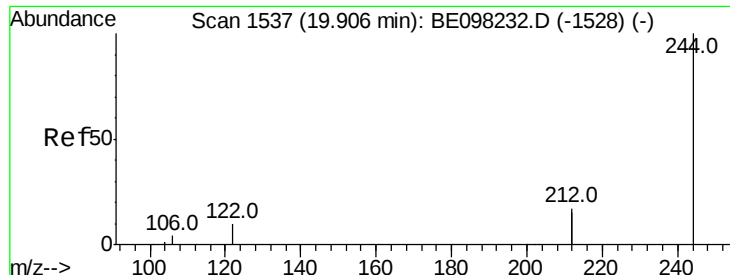


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.338 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098247.D

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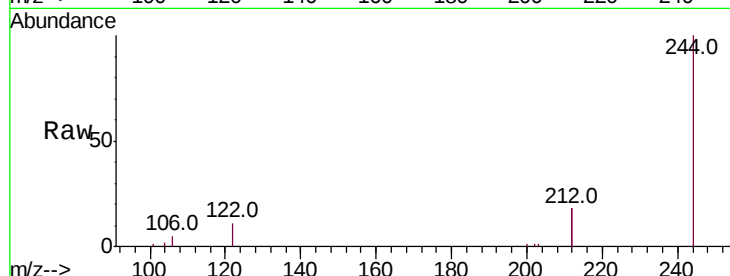
Tot Ion:244 Resp: 6993

Ion Ratio Lower Upper

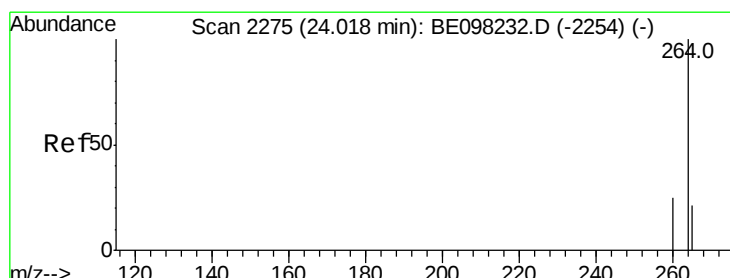
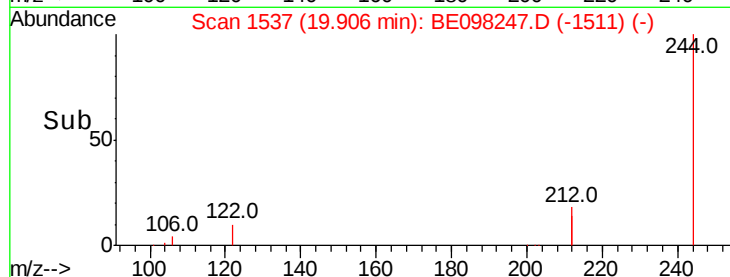
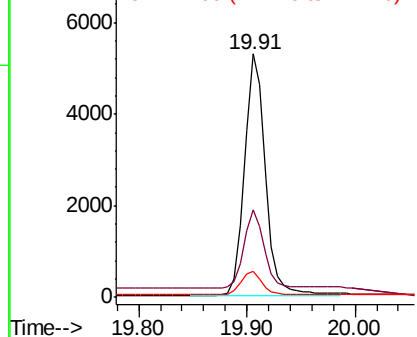
244 100

212 35.8 26.8 40.2

122 10.7 7.0 10.6#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.02 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BE098247.D

Acq: 19 Nov 2018 11:09

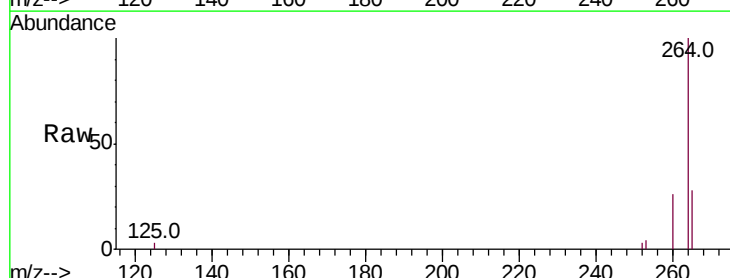
Tgt Ion:264 Resp: 8624

Ion Ratio Lower Upper

264 100

260 26.2 19.9 29.9

265 27.9 21.3 31.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

